


[Subscribe \(Full Service\)](#) [Register \(Limited Service, Free\)](#) [Login](#)

 Search: [The ACM Digital Library](#) [The Guide](#)


THE ACM DIGITAL LIBRARY

[Feedback](#)

(network and "port number") and ("shared IP" or NAT or "public IP" or port)

Published before December 2000

 Terms used: [network](#) [port number](#) [shared IP](#) [NAT](#) [public IP](#) [port](#)

 Sort results by [relevance](#)

[Save results to a Binder](#)
[Refine these results](#) ·
Try this search in [The Guide](#)

 Display results [expanded form](#)

[Open results in a new window](#)

Results 1 - 20 of 90

 Result page: 1 2 3 4 5 [next](#) [>>](#)

1 Network security, filters and firewalls

Darren Bolding
September 1995 *Crossroads*, Volume 2 Issue 1
Publisher: ACM

 Full text available: [pdf\(58.71 KB\)](#) [html\(26.57 KB\)](#) Additional Information: [full citation](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 13, Downloads (12 Months): 16, Citation Count: 0

2 Configuring ATM Networks

Wayne J. Salamon
February 1999 *Linux Journal*, Volume 1999 Issue 58es
Publisher: Specialized Systems Consultants, Inc.

 Full text available: [pdf\(23.41 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 0, Downloads (12 Months): 31, Citation Count: 0

This article describes how to configure Linux-based PCs and an asynchronous transfer mode (AT) switch to build on ATM network

3 Monitoring QoS distribution in multimedia networks

Chen-Khong Tham, Yuming Jiang, Chi-Chung Ko
March 2000 *International Journal of Network Management*, Volume 10 Issue 2
Publisher: John Wiley & Sons, Inc.

 Full text available: [pdf\(372.73 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 18, Downloads (12 Months): 58, Citation Count: 3

This paper presents two schemes, relevant monitor & RM-based and improved relevance monitor & RM-based, for QoS distribution monitoring. With these schemes, when monitoring a real-time flow, a network manager can locate relevant monitors ...

4 VLSI implementation of a switch fabric for mixed ATM and IP traffic

Chi-Y. Tsui, Louis Chung-Y. Kwan, Chin-T. Lea

January 2000 ASP-DAC '00: Proceedings of the 2000 conference on Asia South Pacific design autor
Publisher: ACM
Full text available:  pdf(113.26 KB) Additional Information: full citation, references
Bibliometrics: Downloads (6 Weeks): 1, Downloads (12 Months): 18, Citation Count: 0

5 IP switching—ATM under IP

Peter Newman, Greg Minshall, Thomas L. Lyon
April 1998 IEEE/ ACM Transactions on Networking (TON). Volume 6 Issue 2
Publisher: IEEE Press

Full text available:  pdf(154.32 KB) Additional Information: full citation, references, cited by, index terms
Bibliometrics: Downloads (6 Weeks): 9, Downloads (12 Months): 64, Citation Count: 14

Keywords: Internet protocol, asynchronous transfer mode, broadband communication, communication system control, data communication, packet switching, protocols

6 Workings of a Virtual Private Network, Part 1: A look into VPNs--what they are and how they work

David Morgan
December 1999 Linux Journal, Volume 1999 Issue 66es
Publisher: Specialized Systems Consultants, Inc.

Full text available:  html(20.51 KB) Additional Information: full citation, references, index terms
Bibliometrics: Downloads (6 Weeks): 11, Downloads (12 Months): 134, Citation Count: 0

7 A center-controlled dynamic rerouting scheme for fast and reliable handover in mobile ATM networks

Yoshito Takahashi, Takehiko Kobayashi
June 2000 Mobile Networks and Applications, Volume 5 Issue 2
Publisher: Kluwer Academic Publishers

Full text available:  pdf(216.56 KB) Additional Information: full citation, references, index terms
Bibliometrics: Downloads (6 Weeks): 1, Downloads (12 Months): 9, Citation Count: 0

8 Fast Ethernet Network Starter Kit (FENSK04)

John Kacur
October 1999 Linux Journal, Volume 1999 Issue 66es
Publisher: Specialized Systems Consultants, Inc.
Full text available:  html(6.06 KB) Additional Information: full citation, index terms

Bibliometrics: Downloads (6 Weeks): 1, Downloads (12 Months): 2, Citation Count: 0

9 Multicasting protocols for high-speed, wormhole-routing local area networks

 Mario Gerla, Prasath Palnati, Simon Walton
August 1996 SIGCOMM '96: Conference proceedings on Applications, technologies, architectures, e

protocols for computer communications

Publisher: ACM

Full text available:  pdf(110.64 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 2, Downloads (12 Months): 22, Citation Count: 6

Wormhole routing LANs are emerging as an effective solution for high-bandwidth, low-latency interconnects in distributed computing and cluster computing applications. An important example is the 640 Mb/s crossbar-based Myrinet. A key property of conventional ...

10 Efficient policies for carrying Web traffic over flow-switched networks

Anja Feldmann, Jennifer Rexford, Ramón Cáceres

December 1998 IEEE/ ACM Transactions on Networking (TON), Volume 6 Issue 6

Publisher: IEEE Press

Full text available:  pdf(209.39 KB)

Additional Information: [full citation](#), [references](#), [cited by](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 8, Downloads (12 Months): 39, Citation Count: 24

Keywords: HTTP protocol, IP flows, Internet traffic characterization, routing, signaling, switchin

11 Queueing analysis of scheduling policies in copy networks of space-based multicast packet switches

Biplab Sikdar, D. Manjunath

June 2000 IEEE/ ACM Transactions on Networking (TON), Volume 8 Issue 3

Publisher: IEEE Press

Full text available:  pdf(356.33 KB)

Additional Information: [full citation](#), [references](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 4, Downloads (12 Months): 33, Citation Count: 0

Keywords: copy networks, multicast switches, queueing analysis, scheduling algorithms

12 Linux Network Programming, Part 1

Ivan Griffin, John Nelson

February 1998 Linux Journal, Volume 1998 Issue 46es

Publisher: Specialized Systems Consultants, Inc.

Full text available:  html(18.79 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 15, Downloads (12 Months): 152, Citation Count: 0

BSD Sockets: This is the first of a series of articles about how to develop networked applications using the various interfaces available on Linux

13 Network Programming with Perl: Using Perl to make network task is easy--here's how

Linux Journal Staff

April 1999 Linux Journal, Volume 1999 Issue 60es

Publisher: Specialized Systems Consultants, Inc.

Full text available:  html(25.46 KB)

Additional Information: [full citation](#), [references](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 3, Downloads (12 Months): 93, Citation Count: 0

14 From service configuration through performance monitoring to fault detection: implementing integrated and automated network maintenance platform for enhancing wide area transaction access services

Symeon Papavassiliou, Mike Pace

September 2000 *International Journal of Network Management*, Volume 10 Issue 5

Publisher: John Wiley & Sons, Inc.

Full text available:  pdf(951.05 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 9, Downloads (12 Months): 89, Citation Count: 0

The design and implementation of integrated and automated network-service management platform that can seamlessly configure services, monitor service-network performance, and detect network faults are of great importance and interest to ...

15 Deterministic service guarantees in IEEE 802.12 networks—part I: the single-hub case

Peter Kim

October 1998 *IEEE/ ACM Transactions on Networking (TON)*, Volume 6 Issue 5

Publisher: IEEE Press

Full text available:  pdf(357.99 KB)

Additional Information: [full citation](#), [references](#), [cited by](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 0, Downloads (12 Months): 18, Citation Count: 2

Keywords: IEEE 802.12, guaranteed service, local area network, resource reservation

16 A signaling architecture for wireless ATM access networks

Nikos H. Loukas, Nikos I. Passas, Lazaros Merakos, Iakovos S. Venieris

March 2000 *Wireless Networks*, Volume 6 Issue 2

Publisher: Kluwer Academic Publishers

Full text available:  pdf(360.69 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 9, Downloads (12 Months): 53, Citation Count: 1

A multiservice wireless Asynchronous Transfer Mode &ipar; ATM∥ access system is considered from a signaling protocol viewpoint. In an attempt to generalize and extend results and experience obtained from the specification, design, and implementation ...

17 A dynamic network architecture

Sean W. O'Malley, Larry L. Peterson

May 1992 *ACM Transactions on Computer Systems (TOCS)*, Volume 10 Issue 2

Publisher: ACM

Full text available:  pdf(401.43 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#), [review](#)

Bibliometrics: Downloads (6 Weeks): 17, Downloads (12 Months): 221, Citation Count: 46

Network software is a critical component of any distributed system. Because of its complexity, network software is commonly layered into a hierarchy of protocols, or more generally, into a protocol graph. Typical protocol graphs—including ...

Keywords: compositability, dynamic configuration, reuse

18

Workings of a Virtual Private Network in Linux--Part 2: More about securing our communication

with the Internet

David Morgan

January 2000 *Linux Journal*, Volume 2000 Issue 69es

Publisher: Specialized Systems Consultants, Inc.

Full text available:  [html\(23.81 KB\)](#) Additional Information: [full citation](#), [references](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 3, Downloads (12 Months): 30, Citation Count: 0

19 Multicasting protocols for high-speed, wormhole-routing local area networks

 Mario Gerla, Prasath Palnati, Simon Walton

October 1996 *ACM SIGCOMM Computer Communication Review*, Volume 26 Issue 4

Publisher: ACM

Full text available:  [pdf\(110.64 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index term](#)

Bibliometrics: Downloads (6 Weeks): 2, Downloads (12 Months): 22, Citation Count: 6

Wormhole routing LANs are emerging as an effective solution for high-bandwidth, low-latency interconnects in distributed computing and cluster computing applications. An important example is the 640 Mb/s crossbar-based Myrinet. A key property of conventional ...

20 Protection interoperability for WDM optical networks

Oliver Crochat, Jean-Yves Le Boudec, Ornan Gerstel

June 2000 *IEEE/ACM Transactions on Networking (TON)*, Volume 8 Issue 3

Publisher: IEEE Press

Full text available:  [pdf\(224.28 KB\)](#) Additional Information: [full citation](#), [references](#), [cited by](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 2, Downloads (12 Months): 77, Citation Count: 1

Keywords: WDM, interoperability, optical network, protection, routing, taboo search

Results 1 - 20 of 90

Result page: 1 2 3 4 5 next >>

The ACM Portal is published by the Association for Computing Machinery. Copyright © 2008 ACM
[Terms of Usage](#) [Privacy Policy](#) [Code of Ethics](#) [Contact Us](#)

Useful downloads:  [Adobe Acrobat](#)  [QuickTime](#)  [Windows Media Player](#)  [Real F](#)